

# DUTCH THRUSTER GROUP

## TUNNEL THRUSTERS



COMMERCIAL GRADE THRUSTERS

POWER RANGE OF 25-2200 kW

ELECTRIC, HYDRAULIC & ENGINE DRIVEN

STEEL, ALUMINIUM, FRP & WOODEN HULLS

INTERFACE FOR DYNAMIC POSITIONING

**DUTCH THRUST MAKES YOU MOVE !**

# CONFIGURATION EXAMPLES

## HULL MATERIALS



STEEL



ALUMINIUM



FRP & WOOD

## DRIVE TYPES



E-MOTOR



H-MOTOR



ENGINE

## NARROW HULL APPLICATIONS



HORIZONTAL FLANGE MOUNT



VERTICAL CARDAN SHAFT

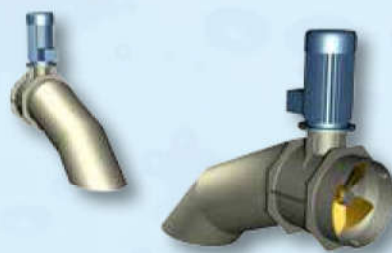


MULTIPLE SMALLER THRUSTERS

## WIDE HULL APPLICATIONS



SEGMENTED



SEMI SEGMENTED



GONDOLA

# AUXILIARY PROPULSION RATING TABLE

THRUSTER STEPSIZE	ELECTRIC DRIVEN		HYDRAULIC DRIVEN		ENGINE DRIVEN	
	PROPELLER [mm]	RATED POWER [kW]*	RATED THRUST [kN]**	RATED POWER [kW]*	RATED THRUST [kN]**	RATED POWER [kW]*
DT2-400	45	5,9	45	5,9	45	5,9
DT2-500	75	9,9	75	10	60	8
DT2-600	108	14	108	14	86	11
DT370	35	4,6	35	4,6	28	3,7
DT420	45	5,9	45	5,9	36	4,7
DT480	60	7,9	60	7,9	48	6,3
DT570	90	12	90	12	72	9,5
DT660	120	16	120	16	120	16
DT715	150	20	150	20	150	20
DT850	220	29	220	29	220	29
DT960	290	38	290	38	290	38
DT1080	360	47	360	47	360	47
DT1160	400	53	400	53	400	53
DT1240	480	63	480	63	480	63
DT1350	570	75	570	75	570	75
DT1550	750	99	750	99	750	99
DT1800	1000	132	1000	132	1000	132
DT2000	1250	165	–	–	1250	165
DT2200	1500	197	–	–	1500	197
DT2400	1800	237	–	–	1800	237
DT2600	2200	290	–	–	2200	290

\* MAXIMUM RATED POWER VALUES AT LR CLASS REQUIREMENTS FOR ESSENTIAL AND NON-ESSENTIAL AUXILIARY PROPULSION APPLICATIONS

\*\* MAXIMUM RATED THRUST ESTIMATES AT ZERO SPEED CONDITIONS FOR TUNNEL THRUSTERS WITH GRIDS

THE CONFIGURATION EXAMPLES AND RATING TABLES ARE NON-EXHAUSTIVE. CONTACT US IN CASE OF SPECIAL APPLICATIONS, SMALLER OR LARGER THRUSTER STEP SIZES, ALTERNATIVE THRUSTER TYPES OR OUT OF THE BOX SOLUTIONS!

THE CONTENT PROVIDED IN THIS BROCHURE IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT BINDING. DUTCH THRUSTER GROUP BV RESERVES THE RIGHT TO UPDATE THE PRESENTED INFORMATION WITHOUT PRIOR NOTICE.



# COMPANY PROFILE



**WHAT –** Selecting the right thruster for the right job can be challenging. A thruster by itself is not enough to move a vessel. Add vessel size, drive type, class society, application, costs etc. and literally millions of configurations are possible. The content of this product brochure is meant to inform in a basic way only. Feel free to contact us for a “first time right” approach.

**Who –** The Dutch Thruster Group was established in 2007 by a team of dedicated professionals driven by knowledge, creativity and commitment. Starting as thruster distributor, the company gradually evolved and added system integration as core business. By now, our international team acts as a pro-active player at the global maritime market.



**How –** In collaboration with naval architects, craftsmen, customers and supplier we continuously improve our range of products and services. Our headquarters is located near Rotterdam the main port of Europe. For best service on local needs we cooperate with representatives and service partners in many countries. Check [www.dutchthrustergroup.com](http://www.dutchthrustergroup.com) for an overview.

## CONTACT DETAILS

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## PRODUCT BROCHURES

TUNNEL THRUSTERS  
AZIMUTH THRUSTERS  
RETRACTABLE THRUSTERS  
DECK MOUNTED THRUSTERS  
JET THRUSTERS  
POWER TAKE OFF'S  
STABILIZERS  
PM HYBRID PROPELLER SHAFTS

## TYPICAL APPLICATIONS

YACHTS  
MEGA YACHTS  
MERCHANT VESSELS  
PASSENGER VESSELS  
OFFSHORE VESSELS  
SUPPORT VESSELS  
MARINE VESSELS  
COAST GUARD VESSELS